

MIDDLE ENTRANCE TO RIVERTOWNE SHOPPING CENTER

MD 414 IS ASSUMED TO RUN
IN AN EAST/WEST DIRECTION

MD 414 (OXON HILL RD)

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COMMERCIAL
ENTRANCE

APS NOTES:

1. PUSH BUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60" X 60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
2. THE 10' SEPARATION BETWEEN PUSH BUTTONS IS TO BE MEASURED FROM FACE OF PUSH BUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
3. PUSH BUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
4. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.09 AND FIG. 4E.2 AND THE NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE". IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSH BUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
5. APS WILL FUNCTION AS FOLLOWS:

TO CROSS MD 414 (OXON HILL RD) AT MIDDLE ENTRANCE TO RIVERTOWNE SHOPPING CENTER.

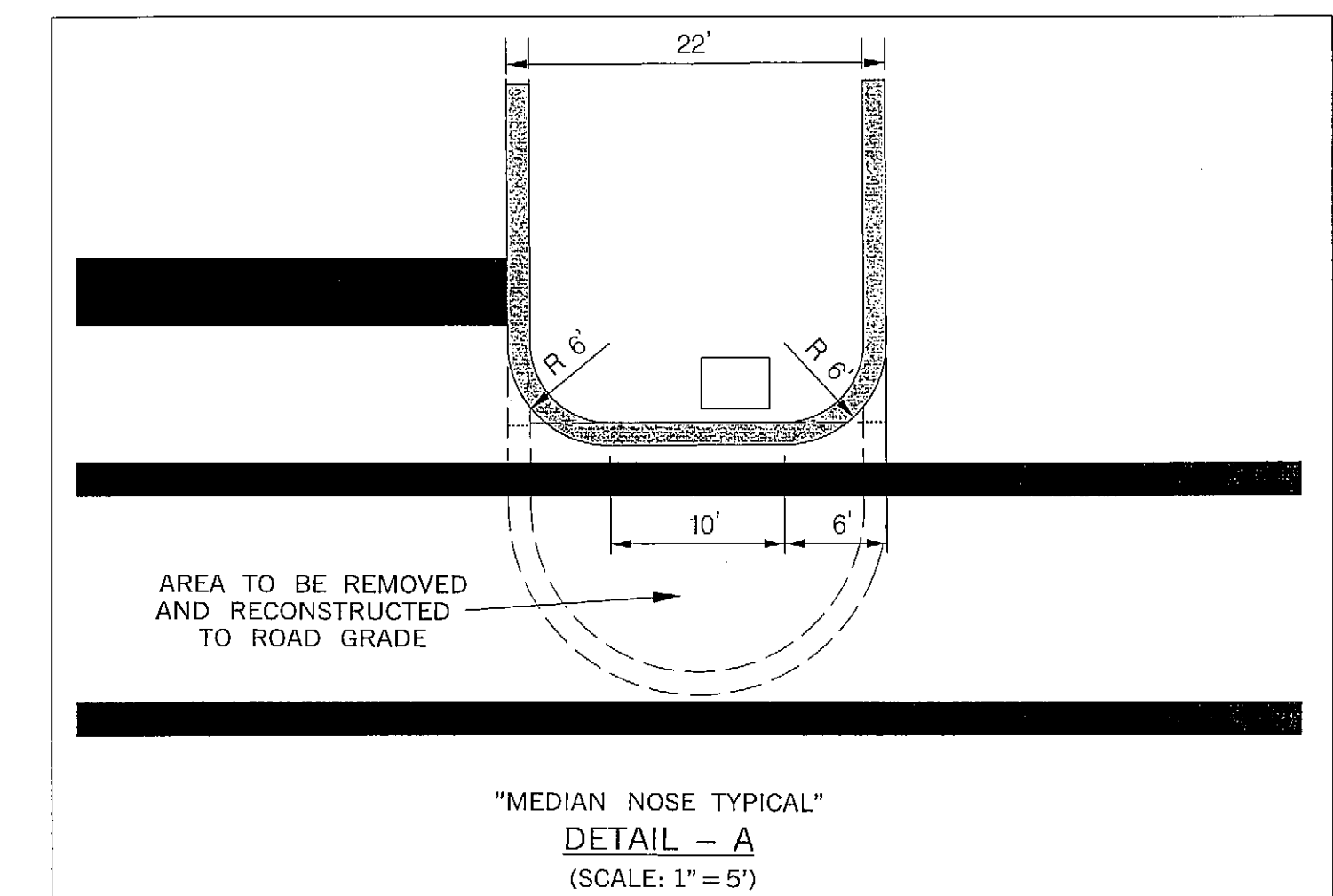
A. WHEN A PEDESTRIAN LOCATES AND PASSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
"WAIT TO CROSS OXON HILL AT SHOPPING CENTER ENTRANCE. WAIT."
B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

TO CROSS MIDDLE ENTRANCE TO RIVERTOWNE SHOPPING CENTER AT MD 414 (OXON HILL RD).

A. WHEN A PEDESTRIAN LOCATES AND PASSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
"WAIT TO CROSS SHOPPING CENTER ENTRANCE AT OXON HILL. WAIT."
B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

GEOMETRIC CONSTRUCTION DETAILS:

- A. INSTALL MODIFIED PARALLEL SIDEWALK RAMP (STANDARD NO. MD 655.12).
- B. INSTALL DETECTABLE WARNING SURFACE (STANDARD NO. MD 655.40).
- C. INSTALL STANDARD TYPE A COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02).
- D. BEGIN 12% RAMP
- E. BEGIN 48" LEVEL LANDING AREA.
- F. TIE IN RAMP WITH EXISTING SIDEWALK AT JOINT.
- G. TIE NEW CURB TO EXISTING CURB AT JOINT.
- H. REMOVE EXISTING RAMP, INSTALL NEW SIDEWALK AND TIE TO EXISTING SIDEWALK.
- J. REMOVE EXISTING SIDEWALK RAMP AND BACKFILL WITH SEED AND MULCH.
- K. REMOVE EXISTING CURB & GUTTER AND MEDIAN. INSTALL CONCRETE TO GRADE AS NECESSARY.



LEGEND SYMBOL

- 48" SIGNAL POLE FOUNDATION
- 36" SIGNAL POLE FOUNDATION
- 24" PED POLE FOUNDATION
- 18" PED POLE FOUNDATION W/SIGN AND PUSHBUTTON
- PED SIGN
- PED PUSHBUTTON
- SIGNAL CABINET W/PAD
- POWER PEDESTAL
- HANDHOLE

GEOMETRIC LEGEND

- EXISTING SIDEWALK / CURB JOINT
- NEW SIDEWALK AND ADA HANDICAP RAMP
- SEED AND MULCH

NOTE:
SIDEWALK JOINTS ARE APPROXIMATELY LOCATED.

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SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 414 AT MIDDLE ENT. TO RIVERTOWNE SHOPPING CENTER
OXON HILL, MD

GEOMETRIC PLAN SHEET

SCALE: 1" = 10' DATE: 12/20/10 CONTRACT NO.: XX4495185

DESIGNED BY: XM COUNTY: PRINCE GEORGE'S
DRAWN BY: XM LOGMILE: 16041401.44
CHECKED BY: JB TMS NO.: K282
F.A.P. NO.: TOD NO.:

TS NO. 2097B DRAWING OF SHEET NO. 2 OF 3

PLOTTED: Wednesday, February 04, 2011 AT 02:20 PM
FILE: P:\08-002 TEDD\Task 32 MD 414 Various Locations\Drawings\CADD\Working\MD414 @ Middle Ent to Rivertowne SC\pS03-P002_MD414@MiddleEnttoRivertowneSC.dgn